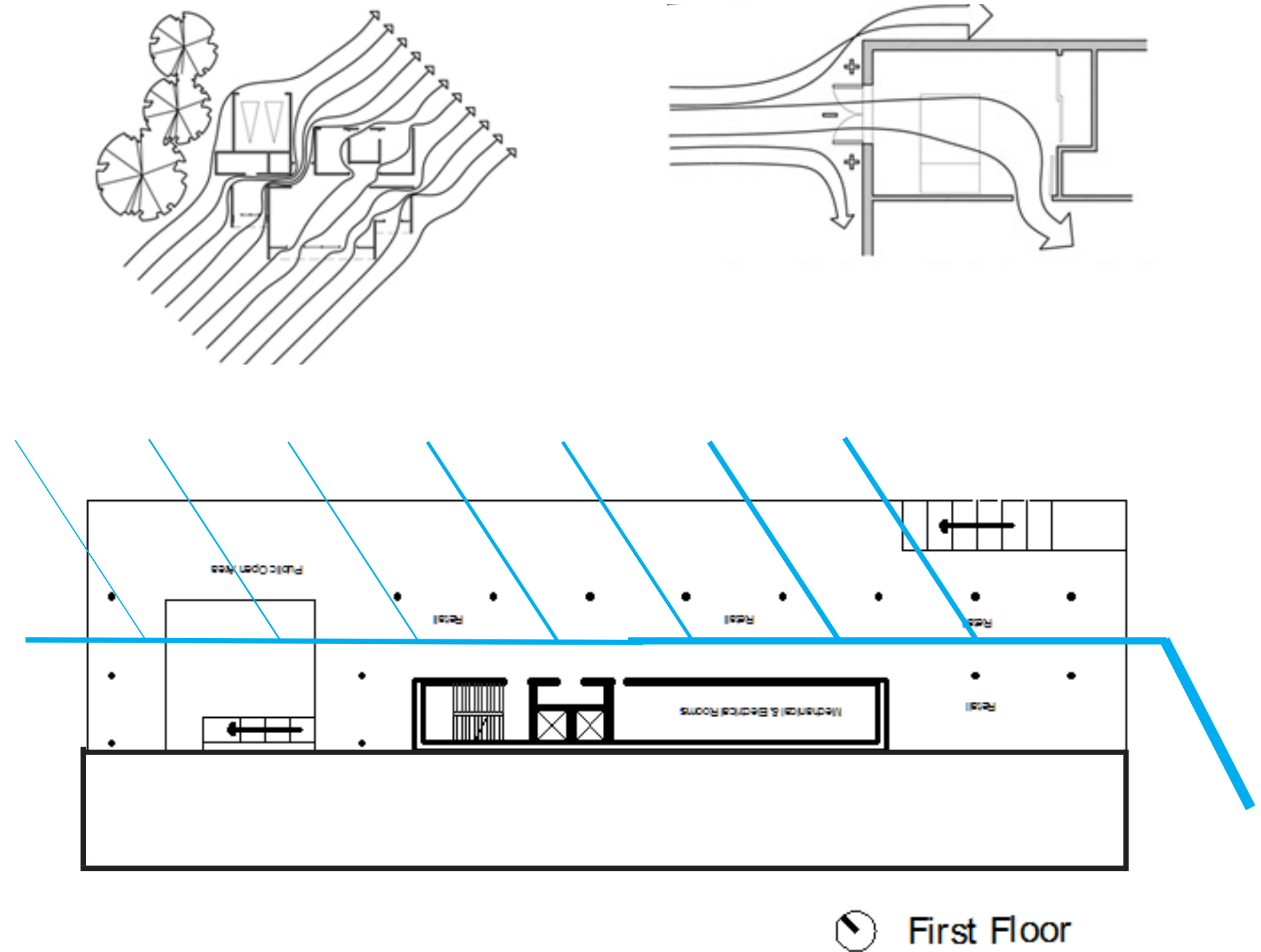


Being that Houston is a hot humid climate, the wind wheel demonstrates the months of May-August in attempt to use as much natural ventilation as possible to take advantage of south east wind. Goal is to increase natural ventilation to reduce air conditioning cost in warm weather.



Taking advantage of south summer wind by using natural cross ventilation to cool buiding. First floor is mainly open making it easy for wind to flow trough and cool above spaces.

## Wind Patherns

ARCH 3427 FALL  
Armando Hernandez